

SUPPLEMENTARY EUROPEAN SEARCH REPORT

EP 04 81 3789

	DOCUMENTS CONSIDE	RED TO BE	RELEVANT		
Category	Citation of document with inc of relevant passag	propriate,	Relevan to claim	t CLASSIFICATION OF THE APPLICATION (IPC)	
Y A	US 6 452 338 B1 (HORSKY THOMAS N [US]) 17 September 2002 (2002-09-17) * the whole document *				INV. H01J7/24 H01J37/08 H01J37/317
`				22-45	
Υ	US 5 554 854 A (BLAM 10 September 1996 (1 * the whole document	1996-09-10)		1-21	
Y	EP 1 061 550 A2 (AX 20 December 2000 (20 * abstract * * paragraphs [0005] [0015], [0019] - [0 * figures *	900-12-20) - [0011],	[0013] -	1-21	
A Joseph	EP 0 954 008 A2 (EA TECH INC [US]) 3 November 1999 (19 * abstract * * paragraphs [0001] [0020] * * figures *	99-11-03)		1-21	TECHNICAL FIELDS SEARCHED (IPC)
4	JP 2000 323051 A (N 24 November 2000 (2 * abstract *		TRIC CO LTD)	1-21	
Α .	EP 1 178 517 A (APPLIED MATERIALS INC [US]) 6 February 2002 (2002-02-06) * abstract * * paragraphs [0001] - [0004], [0007], [0018] - [0020], [0026], [0034], [0058] - [0064] * * figures *				
	The supplementary search report has been based on the last set of claims valid and available at the start of the search.				
	Place of search Date of completion of the sea				Examiner
	The Hague	18	September 200	99	Stavroulis, Stefanos
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		E : earlier patent do after the filing da D : document cited L : document cited	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document		



CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing claims for which payment was due.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention
first mentioned in the claims, namely claims:
The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).





LACK OF UNITY OF INVENTION SHEET B

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-21

An ion generating system which comprises a reactive gas cleaning system.

2. claims: 22-45

An ion implantation system which comprises an electrical heater in the extraction electrode of ion sources.

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

18-09-2009

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